

FBO Web Services

Technical Documentation

Prepared for

**General Services Administration (GSA)
Integrated Acquisition Environment (IAE)**

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Revision Sheet

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Rev. 2	08/19/09	Incorporated IV&V feedback, updated set-aside values, added character limits
Rev. 3	02/26/10	Added Section 10 for potential error messages
Rev. 4	05/04/10	Added section 3.3 with guidance on namespace.
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Contents

1	Overview.....	5
2	Web Services Description Language (WSDL)	5
3	Authentication.....	5
3.1	User Accounts	5
3.2	Authentication Methods.....	5
3.3	Namespace Guidance	6
4	Method Overview	6
4.1	Responses:.....	6
4.2	Set-Aside Values	7
4.3	Notice Types	7
5	Buyer Method Details	7
5.1	Presolicitation (submitPresol)	7
5.2	Combined/Synopsis (submitCombined)	9
5.3	Modification/Amendment (submitMod)	10
5.4	Award Notice (submitAward)	12
5.5	Justification and Authorization (J&A) Notice (submitJA)	14
5.6	Sources Sought Notice (submitSourcesSought).....	15
5.7	Foreign Government Standard (submitForeignGovernment)	17
5.8	Special Notice (submitSpecialNotice)	18
5.9	Sale of Surplus Property Notice (submitSaleOfSurplus)	20
5.10	Intent to Bundle Requirements (DoD- Funded) (submitITB)	21
5.11	General Notice (submitNotice).....	23
5.12	Document Packages (submitDocumentsAndLinksToNotice).....	25
5.13	Delete Notice/ Document Package (deleteNoticeOrDocumentPackage)	26
5.14	Archive Notice (archiveNotice).....	27
5.15	Unarchive Notice (unarchiveNotice).....	27
5.16	Cancel Notice (cancelNotice).....	28
5.17	Bid Module Settings (setBidModuleOptions)	29
5.18	Bid Module Responses (getBidModuleResponses)	30
6	Buyer/Limited Buyer Method Details	31
6.1	Secure Document Package (attachSecureDocumentPackagesToNotice)	31
6.2	Non-FBO Solicitation (createNonFBOSolicitation)	32
6.3	Secure Document Packages (attachSecureDocumentPackagesToNonFBOSolicitation)	32
6.4	Remove Secure Document Package (removeSecureDocumentPackagesFromNonFBOSolicitation).....	33
6.5	Non-FBO Solicitation Release (releaseNonFBOSolicitation)	33
6.6	Un-Release Non-FBO Solicitation (unreleaseNonFBOSolicitation).....	34
7	Engineer Method Details	34
7.1	Secure Technical Document Package (createSecureDocumentPackage)	34
7.2	Add Files to Secure Document Package (addFilesToSecureDocumentPackage) 35	
7.3	Delete Files from Secure Document Package (deleteFilesFromSecureDocumentPackage)	35
7.4	Delete Secure Document Package (deleteSecureDocumentPackage)	36

8	Methods Available To All Office Location Users	36
8.1	getIVLLList	36
8.2	Authorized Parties List (getAuthorizedPartyList).....	37
8.3	Approve Explicit Access Requests (approveExplicitAccessRequestByID)	38
8.4	Approve Explicit Access Requests (approveExplicitAccessRequestByVendorData).....	39
8.5	Reject Explicit Access Requests (rejectExplicitAccessRequestByID)	40
8.6	Reject Explicit Access Requests (rejectExplicitAccessRequestByVendorData)	41
8.7	Add Authorized Party (addAuthorizedParty).....	42
9	Examples.....	42
9.1	Creating Client	43
9.1.1	Creating Client with Basic Authentication	43
9.1.2	Creating Client Using SOAP Header Authentication.....	43
9.1.3	Calling a Method.....	43
10	Error Messages.....	47
10.1	General Error Messages.....	47
10.2	Specific Error Messages	47

1 Overview

This document will provide electronic users with the technical specifications required to utilize the FBO Web Services capability.

2 Web Services Description Language (WSDL)

To view the WSDL for all available methods and object definitions, the FBO Web Services API is located at https://fbo-test.symplicity.com/ws/fbo_api.php?wsdl. The base of the URL will change to <https://www.fbo.gov/> instead of <https://fbo-test.symplicity.com> for the production environment. For testing purposes, please use the “fbo-test” URL.

3 Authentication

3.1 User Accounts

To call any of the available web services, a valid government user account must exist in the FBO system registered at the Office Location level in the hierarchy. The user's account must not be associated with more than one Office Location otherwise the service cannot determine which Office Location to use. Depending on the method called, the user must have sufficient rights based on his/her role(s), such as Engineer or Buyer roles.

3.2 Authentication Methods

FBO Web Services support two methods of authentication:

a. Basic HTTP Authentication

- Configure your client to use Basic authentication containing the applicable username and password.
- When using Basic authentication, every method called from the same client will assume the original username and password.
- Client will be notified of authentication problems upon calling any method.

b. SOAP Header Authentication

- If Basic http authentication is not used, or you would like to setup one client that sends multiple requests for different user accounts, configure your client to send a specific SOAP header with every method call which contains the authentication data.
- Example of header, included before the body:

```
<SOAPENV:Header><fbo:AuthenticationData  
xsi:type="fbo:AuthenticationData"><username  
xsi:type="xsd:string">jdoe</username><password  
xsi:type="xsd:string">jdoePass$</password></fbo:AuthenticationDat  
a></SOAPENV:Header>
```

Note: The complex type definition for this object (AuthenticationData) is located in the WSDL. It contains two string elements named “username” and “password.”

3.3 Namespace Guidance

The authentication namespace must match for a web service call to be successful. Therefore, when transitioning from the test environment to the production environment, you will need to update the namespace references of fbo-test to [www.fbo.gov <http://www.fbo.gov>](http://www.fbo.gov).

This is due to core settings for the web services internals where the authorization header validates the namespace against the WSDL. So, when the namespace for your authentication header in soap xml does not match the namespace defined in the WSDL at the endpoint (in this case <https://www.fbo.gov>), it does not pass on the credentials (username/password). Therefore, the FBO service is not able to authenticate the user and returns an authentication error.

Test Server Namespace:

```
<definitions name="FBOWebservice" targetNamespace="https://fbo-test.symplicity.com/">
```

Production Server Namespace:

```
<definitions name="FBOWebservice" targetNamespace="https://www.fbo.gov/">
```

4 Method Overview

All methods available can be found in the WSDL and will be listed in this document. Methods will take different parameters ranging from basic types (string/integer/boolean/date and array of these types) or complex data types that are further comprised of these basic types and sometimes other complex data types. Note: For all elements/parameters that are specified as type “date,” please supply date in YYYYMMDD (i.e. 20090428) format.

4.1 Responses:

Most methods will return data in the format of the PostingResponse complex type. This consists of two elements:

- i. The first element is named ‘success’ and is a Boolean value. If the method successfully completed, this element will be true or 1. If it is false, empty, or 0, then the method was not successful.
- ii. The second element is named ‘messages’ and is an array of strings. Mostly for error cases, this element will contain any relevant error messages (or sometimes success messages) that pertain to the web services method called.

PostingResponse Complex Type Definition

Element Name	Type
success	boolean
messages	string[] - Array of Strings

Note: Some methods will have a different response value format due to the nature of the data being returned. These custom cases will be outlined below.

4.2 Set-Aside Values

Several methods pertaining to submitting opportunities involve the Set-Aside Type field. Valid values include:

- 'N/A'
- 'Competitive 8(a)'
- 'Emerging Small Business'
- 'HUBZone'
- 'Partial HBCU / MI'
- 'Partial Small Business'
- 'Service-Disabled Veteran-Owned Small Business'
- 'Total HBCU / MI'
- 'Total Small Business'
- 'Veteran-Owned Small Business'

4.3 Notice Types

The web service API includes specific methods to submit each of the base notice types (i.e. presolicitation, combined/synopsis, award, etc). You will find these outlined in the sections below.

In addition to these specific methods, we have implemented a general 'submitNotice' method. The data elements allowed for submissions contain all possible elements across the different notice types – this is also outlined below. The general method provides added flexibility on the client end. Note: The functionality regarding usage is consistent for both the general method, as well as the specific methods per notice type.

5 Buyer Method Details

5.1 Presolicitation (*submitPresol*)

This method is used to submit a Presolicitation Notice.

Input Parameters:

Input Parameter	Type	Description
Data	Presol	Complex type defined below

Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

Presol Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	yes	Posting Date	YYYYMMDD
zip	string	yes	Zip Code	5 digits
classcod	string	yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	string	yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	string	no	Office Address	65535 characters
subject	string	yes	Subject	255 characters
solnbr	string	yes	Sol #	128 characters from the set: a-z A-Z 0-9 - _ () {}
resdate	date	no	Response Date	YYYYMMDD
archdate	date	no	Archive Date	YYYYMMDD
contact	string	yes	Contact Info	65535 characters
desc	string	yes	Description	65535 characters
link	GovURL – complex type	no	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
email	GovEmail – complex type	no	Government Email	128 characters
links	DocumentLink[]	no	Array of links	
files	DocumentFile[]	no	Array of files	
setaside	string	no	Set-aside	See section 4.2 for valid values
popaddress	string	no	Pop Add	65535 characters
popzip	string	no	Pop Zip	5 digits
popcountry	string	no	Pop Country	32 characters
recovery_act	boolean	no	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	yes	Email Address	128 characters
desc	string	yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit /
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				Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.2 Combined/Synopsis (*submitCombined*)

This method is used to submit a Combined/Synopsis Notice.

Input Parameters:

Input Parameter	Type	Description
Data	Combined	Complex type defined below

Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

Combined Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	Yes	Posting Date	YYYYMMDD
zip	string	Yes	Zip Code	5 digits
classcod	string	Yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	string	Yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	string	No	Office Address	65535 characters
subject	string	Yes	Subject	255 characters
solnbr	string	Yes	Sol #	128 characters from the set: a-z A-Z 0-9 - _ () {}
resdate	date	No	Response Date	YYYYMMDD
archdate	date	No	Archive Date	YYYYMMDD
contact	string	Yes	Contact Info	65535 characters
desc	string	Yes	Description	65535 characters
link	GovURL – complex type	No	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC

				2396)
email	GovEmail – complex type	No	Government Email	128 characters
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
setaside	string	No	Set-aside	See section 4.2 for valid values
popaddress	string	No	Pop Add	65535 characters
popzip	string	No	Pop Zip	5 digits
popcountry	string	No	Pop Country	32 characters
recovery_act	boolean	No	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	Yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	Yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	Yes	Email Address	128 characters
desc	string	Yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.3 Modification/Amendment (*submitMod*)

This method is used to submit a Modification/Amendment to any base notice.

Input Params:

Input Parameter	Type	Description

Data	Mod	Complex type defined below
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Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

Mod Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	Yes	Posting Date	YYYYMMDD
zip	string	Yes	Zip Code	5 digits
classcod	string	yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	string	yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	string	no	Office Address	65535 characters
subject	string	yes	Subject	255 characters
solnbr	string	yes	Sol #	128 characters from the set: a-z A-Z 0-9 - _ () { }
resdate	date	no	Response Date	YYYYMMDD
archdate	date	no	Archive Date	YYYYMMDD
contact	string	yes	Contact Info	65535 characters
desc	string	yes	Description	65535 characters
link	GovURL – complex type	no	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
email	GovEmail – complex type	no	Government Email	128 characters
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
setaside	string	no	Set-aside	See section 4.2 for valid values
popaddress	string	no	Pop Add	65535 characters
popzip	string	no	Pop Zip	5 digits
popcountry	string	no	Pop Country	32 characters
recovery_act	boolean	no	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	Yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	Yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	Yes	Email Address	128 characters
desc	string	Yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description/Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.4 Award Notice (*submitAward*)

This method is used to submit an award notice.

Input Params:

Input Parameter	Type	Description
Data	Award	Complex type defined below

Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

Award Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	yes	Posting Date	YYYYMMDD
zip	string	yes	Zip Code	5 digits
classcod	string	yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	string	yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	string	no	Office Address	65535 characters
subject	string	yes	Subject	255 characters
solnbr	string	yes	Sol #	128 characters from the set: a-z A-Z 0-9 - _ { }

awdnbr	string	yes	Award Number	255 characters
awdamt	string	yes	Award Amount	64 characters
linenbr	string	no	Line Number	255 characters
awddate	date	yes	Award Date	YYYYMMDD
archdate	date	no	Archive Date	YYYYMMDD
awardee	string	yes	Awardee	65535 characters
awardee_duns	string	no	Awardee DUNS	9 digits with optional plus 4
contact	string	yes	Contact Info	65535 characters
desc	string	no	Description	65535 characters
link	GovURL	no	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
email	GovEmail	no	Government Email	128 characters
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
setaside	string	no	Set Aside	See section 4.2 for valid values
recovery_act	boolean	no	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	Yes	Email Address	128 characters
desc	string	Yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters

filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.5 Justification and Authorization (J&A) Notice (submitJA)

This method is used to submit a J&A Notice.

Input Params:

Input Parameter	Type	Description
Data	JA	Complex type defined below

Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

JA Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	Date	yes	Posting Date	YYYYMMDD
zip	String	yes	Zip Code	5 digits
classcod	String	yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	String	yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	String	no	Office Address	65535 characters
subject	String	yes	Subject	255 characters
solnbr	String	yes	Sol #	128 characters from the set: a-z A-Z 0-9 - _ { }
stauth	String	yes	Stat. Authority.	Valid values: 'FAR 6.302-1(c)', 'FAR 6.302-1', 'FAR 6.302-2', 'FAR 6.302-3', 'FAR 6.302-4', 'FAR 6.302-5', 'FAR 6.302-6', 'FAR 6.302-7'
awdnbr	String	Yes; For statutory authority FAR 6.302-1(c) - Brand name, this is optional.	Award Number	255 characters
modnbr	String	no	Mod Number	32 characters
awdamt	String	yes	Award Amount	64 characters
linenbr	String	no	Line Number	255 characters
awddate	Date	yes	Award Date	YYYYMMDD
archdate	Date	no	Archive Date	YYYYMMDD
awardee	String	yes	Awardee	65535 characters
contact	String	yes	Contact Info	65535 characters
desc	String	no	Description	65535 characters

link	GovURL	no	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
email	GovEmail	no	Government Email	128 characters
setaside	String	no	Set Aside	See section 4.2 for valid values
recovery_act	Boolean	no	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	yes	Email Address	128 characters
desc	string	yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.6 Sources Sought Notice (submitSourcesSought)

This method is used to submit a Sources Sought Notice.

Input Params:

Input Parameter	Type	Description

Data	SourcesSought	Complex type defined below
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Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

SourcesSought Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	Yes	Posting Date	YYYYMMDD
zip	string	Yes	Zip Code	5 digits
classcod	string	Yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	string	Yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	string	No	Office Address	65535 characters
subject	string	Yes	Subject	255 characters
solnbr	string	Yes	Sol #	128 characters from the set: a-z A-Z 0-9 - _ () { }
resdate	date	No	Response Date	YYYYMMDD
archdate	date	No	Archive Date	YYYYMMDD
contact	string	Yes	Contact Info	65535 characters
desc	string	Yes	Description	65535 characters
link	GovURL – complex type	No	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
email	GovEmail – complex type	No	Government Email	128 characters
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
setaside	string	No	Set-aside	See section 4.2 for valid values
popaddress	string	No	Pop Add	65535 characters
popzip	string	No	Pop Zip	5 digits
popcountry	string	No	Pop Country	32 characters
recovery_act	boolean	No	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit /
--------------	------	----------	-------------	-------------------

				Restrictions
address	string	yes	Email Address	128 characters
desc	string	yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.7 Foreign Government Standard (*submitForeignGovernment*)

This method is used to submit a Foreign Government Standard Notice.

Input Params:

Input Parameter	Type	Description
Data	ForeignGovernment	Complex type defined below

Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

ForeignGovernment Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	Date	yes	Posting Date	YYYYMMDD
zip	String	yes	Zip Code	5 digits
classcod	String	yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	String	yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	String	no	Office Address	65535 characters
subject	String	yes	Subject	255 characters
solnbr	String	no	Sol #	128 characters from the set: a-z A-Z 0-9 - _ () { }

archdate	Date	no	Archive Date	YYYYMMDD
contact	String	no	Contact Info	65535 characters
desc	String	yes	Description	65535 characters
link	GovURL – complex type	no	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
email	GovEmail – complex type	no	Government Email	128 characters
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
recovery_act	Boolean	no	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	yes	Email Address	128 characters
desc	string	yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.8 Special Notice (*submitSpecialNotice*)

This method is used to submit a Special Notice.

Input Params:

Input Parameter	Type	Description
data	SpecialNotice	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

SpecialNotice Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	Date	yes	Posting Date	YYYYMMDD
zip	String	yes	Zip Code	5 digits
classcod	String	yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	String	yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	String	no	Office Address	65535 characters
subject	String	yes	Subject	255 characters
solnbr	String	no	Sol #	128 characters from the set: a-z A-Z 0-9 - _ () { }
archdate	Date	no	Archive Date	YYYYMMDD
contact	String	no	Contact Info	65535 characters
desc	String	yes	Description	65535 characters
link	GovURL – complex type	no	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
email	GovEmail – complex type	no	Government Email	128 characters
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
recovery_act	Boolean	no	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	yes	Email Address	128 characters
desc	string	yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.9 Sale of Surplus Property Notice (*submitSaleOfSurplus*)

This method is used to submit a Sale of Surplus Property Notice.

Input Params:

Input Parameter	Type	Description
data	SaleOfSurplus	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

SaleOfSurplus Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	Yes	Posting Date	YYYYMMDD
zip	string	Yes	Zip Code	5 digits
classcod	string	Yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	string	Yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	string	No	Office Address	65535 characters
subject	string	Yes	Subject	255 characters
solnbr	string	No	Sol #	128 characters from the set: a-z A-Z 0-9 - _ () { }
archdate	date	No	Archive Date	YYYYMMDD
contact	string	Yes	Contact Info	65535 characters
desc	string	Yes	Description	65535 characters
link	GovURL – complex type	No	Government Link	255 characters, consist of a restricted set of characters (see URL specification -

				RFC 2396)
email	GovEmail – complex type	No	Government Email	128 characters
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
recovery_act	boolean	No	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	yes	Email Address	128 characters
desc	string	yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.10 Intent to Bundle Requirements (DoD- Funded) (submitITB)

This method is used to submit an Intent to Bundle Requirements (DoD-Funded) Notice.

Input Params:

Input Parameter	Type	Description
data	ITB	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

ITB Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	Date	yes	Posting Date	YYYYMMDD
zip	String	yes	Zip Code	5 digits
classcod	String	yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	String	yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	String	no	Office Address	65535 characters
subject	String	yes	Subject	255 characters
solnbr	String	Yes, if award number is not provided	Sol #	128 characters from the set: a-z A-Z 0-9 - _ () { }
awdnbr	String	Yes, if Sol # is not provided and/or if Task/Delivery Order number is provided.	Award Number	255 characters from the set: a-z A-Z 0-9 - _ () { }
donbr	String	no	Task/Delivery Order Number	255 characters from the set: a-z A-Z 0-9 - _ () { }
archdate	Date	no	Archive Date	YYYYMMDD
contact	String	yes	Contact Info	65535 characters
desc	String	no	Description	65535 characters
link	GovURL	no	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
email	GovEmail	no	Government Email	128 characters
recovery_act	Boolean	no	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
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address	string	yes	Email Address	128 characters
desc	string	yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.11 General Notice (*submitNotice*)

This is a general method that supports submitting all of the above notice types. The complex type for the input data consists of all possible data elements across all notice types. Users may setup their web service client to use this general method instead of calling the specific methods outlined above. The functionality is the same regardless of whether you use this general method, or the specific methods above. The valid options for this field are:

- PRESOL – for Presolicitation Notices
- COMBINE – for Combined/Synopsis Notices
- MOD – for Modifications/Amendments
- AWARD – for Award Notices
- JA – for Justification & Approval (J&A) Notices
- SRCSGT – for Sources Sought Notices
- SSALE – for Sale of Surplus Property Notices
- SNOTE – for Special Notices
- FSTD – for Foreign Government Standard Notices
- ITB – for Intent to Bundle Requirements (DoD-Funded) Notices

Input Params:

Input Parameter	Type	Description
data	CompleteNotice	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

Complete notice Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	yes	Posting Date	YYYYMMDD
notice_type	string	Yes	Notice type	Valid options outlined above
zip	string	Yes	Zip Code	5 digits
classcod	string	Yes	Class-Code	Valid classification code (FAR, Section 5.207(g))
naics	string	Yes	NAICS Code	Valid NAICS Code NAICS Reference
offadd	string	No	Office Address	65535 characters
subject	string	Yes	Subject	255 characters
solnbr	string	No	Sol #	128 characters from the set: a-z A-Z 0-9 - () {}
awdnbr	string	No	Award #	255 characters
awdamt	string	No	Award Amount	64 characters
linenbr	string	No	Award Line Item Number	255 characters
awddate	date	No	Award Date	YYYYMMDD
stauth	string	No	J&A Statutory Authority	Valid values: 'FAR 6.302-1(c)', 'FAR 6.302-1', 'FAR 6.302-2', 'FAR 6.302-3', 'FAR 6.302-4', 'FAR 6.302-5', 'FAR 6.302-6', 'Far 6.302-7'
modnbr	string	No	J&A Contract Modification Number	32 digits
resdate	date	No	Response Date	YYYYMMDD
archdate	date	No	Archive Date	YYYYMMDD
awardee	string	yes	Awardee	65535 characters
awardee_duns	string	no	Awardee DUNS	9 digits with optional plus 4
contact	string	No	Contact Info	65535 characters
desc	string	No	Main Description	65535 characters
link	GovernmentURL	No	Government Link	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
email	GovernmentEmail	No	Government Email	128 characters
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	
setaside	string	no	Set-aside types	See section 4.2 for valid values
popaddress	string	No	POP Address	65535 characters
popzip	string	No	POP Zip	5 digits

popcountry	string	No	POP Country	32 characters
recovery_act	boolean	No	Recovery Act	true or false

GovURL Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	Website Address	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description	255 characters

GovEmail Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
address	string	yes	Email Address	128 characters
desc	string	yes	Description	255 characters

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

5.12 Document Packages (*submitDocumentsAndLinksToNotice*)

This method is used to attach document packages (non sensitive) to a notice modification. This is similar to the EPSUPLOAD or DocumentUpload function currently found in the ftp/email electronic interface. The web service method now supports transmitting actual file data along with external links. Note: A base notice must already exist in the system.

Input Params:

Input Parameter	Type	Description
data	DocumentUpload	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

DocumentUpload Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
Date	date	Yes	Posting Date	YYYYMMDD
solnbr	string	Yes	Solicitation #	128 characters from the set: a-z A-Z 0-9 - _ () {}
uploadtype	string	Yes	Upload Type	A for amendment, S for solicitation or any title for other; 255 characters
resptime	sdate	No	Response Date	YYYYMMDD
links	DocumentLink[]	no	Array Of links	
files	DocumentFile[]	no	Array of files	

DocumentLink Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
url	string	yes	External URL	255 characters, consist of a restricted set of characters (see URL specification - RFC 2396)
desc	string	yes	Description>Title	255 characters

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	string	yes	Description	255 characters

**5.13 Delete Notice/ Document Package
(deleteNoticeOrDocumentPackage)**

This method is used to permanently delete an entire notice or one document package from a notice. This is similar to the Document Deleting function currently found in the ftp/email electronic interface. Modifications/Amendments are recommended instead of using this method. Specify the Solicitation Number, Award Number OR the uploadtype (i.e. name of the document package to be deleted).

Input Params:

Input Parameter	Type	Description
data	DeleteDocument	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

DeleteDocument Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
solnbr	string	no	Solicitation #	128 characters from the set: a-z A-Z 0-9 - _ () { }
awdnbr	string	No	Award #	255 characters
uploadtype	string	No	Matched against the label of the package when deleting document packaged.	

5.14 Archive Notice (*archiveNotice*)

This method is used to update the archive date on an existing notice. If a past date is provided or no date provided at all, the notice will be immediately archived.

Input Params:

Input Parameter	Type	Description
data	ArchiveNotice	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

ArchiveNotice Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	yes	Posting Date	YYYYMMDD
solnbr	string	yes	Solicitation #	128 characters from the set: a-z A-Z 0-9 - _ () { }
archdate	date	no	New Archive Date – If none provided, notice will archive immediately.	YYYYMMDD

5.15 Unarchive Notice (*unarchiveNotice*)

This method is used to unarchive a notice or stand-alone award. Note: Provide a Solicitation Number or an Award Number to unarchive the related opportunity.

Input Params:

Input Parameter	Type	Description
data	UnarchiveNotice	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

UnarchiveNotice Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
solnbr	string	no	Solicitation #	128 characters from the set: a-z A-Z 0-9 - _ () { }
awdnbr	string	No	Award #	255 characters
archdate	date	No	New Archive Date	YYYYMMDD

5.16 Cancel Notice (*cancelNotice*)

This method is used to post a cancellation notice to any base notice type already in the FBO system. Provide a Solicitation Number or an Award Number (for stand-alone awards) and other data outlined below for the cancellation notice.

Input Params:

Input Parameter	Type	Description
data	CancelNotice	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

CancelNotice Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	yes	Posting Date	YYYYMMDD
offadd	string	no	Office Address	65535 characters
subject	string	yes	Subject	255 characters
solnbr	string	no	Solicitation #	128 characters from the set: a-z A-Z 0-9 - _ () { }
awdnbr	string	no	Award #	255 characters
archdate	date	no	Archive Date	YYYYMMDD
contact	string	yes	Contact Info	65535 characters
desc	string	yes	Cancellation Description	65535 characters

5.17 Bid Module Settings (*setBidModuleOptions*)

This method is used to enable/disable Bid Module settings (CLIN template and/or Doc Package electronic submissions) for an already existing opportunity in the system. If the parameters supplied result in changes to a notice's Bid Module settings, a Modification is posted with the new settings. **Important:** Agency/Office settings established by the Administrator ultimately determine whether or not this method will successfully process. If the Bid Module is not enabled by the Administrator, the method will not successfully process.

Input Params:

Input Parameter	Type	Description
data	BidModule	Complex type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

BidModule Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	yes	Posting Date	YYYYMMDD
solnbr	string	yes	Solicitation #	128 characters from the set: a-z A-Z 0-9 - _ () { }
enable_doc_package	boolean	no	true or false to enable/disable doc packages	true or false
enable_clin	boolean	no	true or false to enable/disable clin template	true or false
clin_template	ClinTemplate[]	no	Clin Template – required if no template exists yet and enabling clin. If clin was previously enabled, the last active template can be used, and this is not required.	
resdate	date	no	New Response Date	YYYYMMDD
desc	string	yes	Description of action.	255 characters

ClinTemplate Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
desc	string	yes	Line Item Description	255 characters
quantity	integer	yes	Quantity	32 digits

children	ClinTemplate[]	no	Children Line Items	255 characters
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Note: Since the children element is of the same type “ClinTemplate,” this method allows for an infinite number of line item levels which is consistent with the online functionality.

5.18 Bid Module Responses (*getBidModuleResponses*)

This method is used to retrieve vendor electronic submissions related to a Notice.

Input Params:

Input Parameter	Type	Description
data	BidModuleResponseRequest	Complex type defined below

BidModuleResponseRequest Complex Type Definition

Element Name	Type	Required	Description
solnbr	string	yes	Solicitation #

Response:

Output Parameter	Type	Description
response	BidModuleReponse	Complex type defined below

BidModuleResponse Complex Type Definition

Element Name	Type	Description
success	boolean	Success flag
data	BidResponse[]	Array of Responses
messages	string[]	Array of any messages, usually used in error case.

BidResponse Complex Type Definition

Element Name	Type	Description
lname	string	Last Name
fname	string	First Name
email	string	Email
phone	string	Phone
contractor_name	string	Contractor name
dba_name	string	DBA Name
duns	string	DUNS #
cage_code	string	Cage Code
docs	DocumentFile[]	Array of documents
clin	ClinResponse	Response to clin template

DocumentFile Complex Type Definition

Element Name	Type	Description
filename	string	File Name
filedata	base64binary	File Data
desc	string	Description

ClinResponse Complex Type Definition

Element Name	Type	Description
total	string	Bid Total

parts	ClinResponsePart[]	Array of parts matching with clin template line items
version	string	Version of template responded to.

ClinResponsePart Complex Type Definition

Element Name	Type	Description
desc	string	Line Item Description
quantity	int	Quantity
amount	string	Bid Amount
total	string	Total Amount (Quantity * Amount)
children	ClinResponsePart[]	Children

Note: Since the children element is of the same type “ClinResponsePart,” this method allows for an infinite number of line item levels which is consistent with the online functionality.

6 Buyer/Limited Buyer Method Details

6.1 Secure Document Package (attachSecureDocumentPackagesToNotice)

This method is used to post a Modification to an existing notice in the system with the goal of attaching released, secure/technical document packages. Secure document packages must be posted on FBO, released, and unattached to any other solicitations in the system. In order for this method to successfully post the documents, all requested PR Numbers must be valid and available for attachment.

Input Params:

Input Parameter	Type	Description
solnbr	String	Solicitation Number
pr_numbers	string[]	Array of PR #'s

AttachSecureDocumentsRequest Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
solnbr	string	Yes	Solicitation #	128 characters from the set: a-z A-Z 0-9 - _ () { }
uploadtype	string	no	Buyers can specify “s” for solicitation or “a” for amendment	Ignored if buyer rights are not found, Only one pr number can be specified if “s” or “a” is used
pr_numbers	string[]	Yes	An array of 1 or more PR #'s	

Response:

Output Parameter	Type	Description

response	PostingResponse	Complex type
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6.2 Non-FBO Solicitation (*createNonFBOSolicitation*)

This method is used to create a Non-FBO Solicitation. It allows for attaching released, secure/technical document packages upon creation. A boolean release flag is part of the data provided in this method and will determine whether the solicitation is released. Non-FBO Solicitations can be created without releasing so that technical data packages can be attached at a later time.

Input Params:

Input Parameter	Type	Description
data	NonFBO	Complex Type defined below

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

NonFBO Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	date	Yes	Posting Date	YYYYMMDD
solnbr	string	Yes	Solicitation #	128 characters from the set: a-z A-Z 0-9 - _ () { }
primary_poc	PointOfContact	Yes	Primary POC	255 characters
secondary_poc	PointOfContact	No	Secondary POC	255 characters
pr_numbers	string[]	Yes	An array of released PR #s	
archdate	date	Yes	Archive Date	YYYYMMDD
release	boolean	Yes	True or false	

PointOfContact Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
title	string	Yes	Title	255 characters
fullname	string	Yes	Fullscreen	255 characters
email	string	Yes	Email	255 characters
phone	String	No	Phone	255 characters
fax	String	No	Fax	255 characters

6.3 Secure Document Packages

(*attachSecureDocumentPackagesToNonFBOSolicitation*)

This method is used to attach released, secure/technical document packages. The third argument is a true or false, and adds the capability of releasing the Non-FBO Solicitation in this method. If the ‘release’ parameter is false, the documents will

attach but the solicitation will not be posted. If true, the solicitation will be released and Authorized Vendors will be notified.

Input Params:

Input Parameter	Type	Description
solnbr	string	Solicitation Number
pr_numbers	string[]	Array of PR #'s
release	boolean	True or false to release the solicitation after attaching packages

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

6.4 Remove Secure Document Package

(removeSecureDocumentPackagesFromNonFBOSolicitation)

This method is used to remove secure/technical document packages that are attached to a Non-FBO Solicitation. The solicitation must not be released.

Input Params:

Input Parameter	Type	Description
solnbr	String	Solicitation Number
pr_numbers	string[]	Array of PR #'s

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

6.5 Non-FBO Solicitation Release (releaseNonFBOSolicitation)

This method is used to release a Non-FBO Solicitation. This method can be used for Non-FBO Solicitations that were previously created but not released, or solicitations that have been un-released. If successful, Authorized Vendors will be notified.

Input Params:

Input Parameter	Type	Description
solnbr	string	Solicitation Number

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

6.6 Un-Release Non-FBO Solicitation (*unreleaseNonFBOSolicitation*)

This method is used to un-release a Non-FBO Solicitation. This can be used if the Non-FBO Solicitation was incorrectly posted, if Modifications are needed, or if the user wants to remove it from vendor visibility.

Input Params:

Input Parameter	Type	Description
solnbr	string	Solicitation Number

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

7 Engineer Method Details

7.1 Secure Technical Document Package (*createSecureDocumentPackage*)

This method is used to create a secure/technical document package. One of the input elements - ‘release’ - will determine whether or not the package is released so that it can be attached to solicitations.

Input Params:

Input Parameter	Type	Description
data	SecureDocument	Complex Type defined below.

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

SecureDocument Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
date	Date	yes	Posting Date	YYYYMMDD
on_fbo	Boolean	yes	True or false whether the solicitation it relates to has a related FBO Opportunity	true or false
pr_number	String	yes	Unique Identifier.	5 to 255 characters
package_label	String	yes	Package Label	255 characters
project_number	String	no	Project Number	255 characters
nsn_mmac	String	no	NSN MMAC	65535 characters
part_number	String	no	Part Number	255 characters
nomenclature	String	no	Nomenclature	255 characters
export_controlled	Boolean	yes	Export Controlled	true or false
explicit_access	Boolean	yes	Explicit Access	true or false

			Required	
is_cd_avail	Boolean	yes	Is CD Available	true or false
files	DocumentFile[]	yes	Array of filedata	
release	Boolean	yes	True or false for releasing this for attachment	true or false

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	String	yes	File Name	255 characters
filedata	base64binary	yes	File Data	100 MB
desc	String	yes	Description	255 characters

7.2 Add Files to Secure Document Package (*addFilesToSecureDocumentPackage*)

This method is used to add files to a secure/technical document package. This method will fail if the technical document package is attached to a solicitation.

Input Params:

Input Parameter	Type	Description
pr_number	string	PR #
Files	DocumentFile[]	Array of Complex Type DocumentFile

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

DocumentFile Complex Type Definition

Element Name	Type	Required	Description	Character Limit / Restrictions
filename	string	yes	File Name	255 characters
filedata	base64binary	yes	File Data	
desc	string	yes	Description	255 characters

7.3 Delete Files from Secure Document Package (*deleteFilesFromSecureDocumentPackage*)

This method is used to remove files from a secure/technical document package. This method will fail if the technical document package is attached to a solicitation. User must provide file names that match the file names in FBO for the method to succeed.

Input Params:

Input Parameter	Type	Description
pr_number	string	PR #

files	string[]	Array of file names
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Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

7.4 Delete Secure Document Package (*deleteSecureDocumentPackage*)

This method is used to delete a secure/technical document package and its related files. This method will fail if the technical document package is attached to a solicitation.

Input Params:

Input Parameter	Type	Description
pr_number	string	PR #

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

8 Methods Available To All Office Location Users

8.1 *getIVLList*

This method is used to retrieve the Interested Vendors List (IVL) for a given solicitation.

Input Params:

Input Parameter	Type	Description
data	IVLLListRequest	Complex type defined below

Response:

Output Parameter	Type	Description
response	IVLLListResponse	Complex type defined below

IVLLListRequest Complex Type Definition

Element Name	Type	Required	Description
solnbr	string	yes	Solicitation #

IVLLListResponse Complex Type Definition

Element Name	Type	Description
success	boolean	Success flag
data	IVL[]	Array of IVL Records
messages	string[]	Array of any messages, usually used in error case.

IVL Complex Type Definition

Element Name	Type	Description
lname	string	Last Name
fname	string	First Name
email	string	Email
phone	string	Phone
contractor_name	string	Contractor Name
dba_name	string	DBA Name
duns	string	DUNS #
cage_code	string	Cage Code
address	string	Address
bus_types	string	Business Types
naics_codes	string	Naics Codes

8.2 Authorized Parties List (*getAuthorizedPartyList*)

This method is used to retrieve the Authorized Party lists for an FBO Solicitation or a Non-FBO Solicitation. A third argument - ‘status’ - can be provided to retrieve pending Explicit Access requests, rejected requests, approved vendors, or all. Specify the first parameter to the web service method for FBO Solicitations and leave the second parameter blank. If retrieving lists for Non-FBO Solicitations, leave the first parameter blank and specify the second parameter.

Valid options for status field: approved, rejected, pending, or leave blank for all.

Input Params:

Input Parameter	Type	Description
data	AuthorizedPartyListRequest	Complex type defined below

Response:

Output Parameter	Type	Description
response	AuthorizedPartyListResponse	Complex type defined below

AuthorizedPartyListRequest Complex Type Definition

Element Name	Type	Required	Description
solnbr	string	Yes; if nonfbo_solnbr is not provided	Solicitation #. Provide an empty string for this argument if using nonfbo_solnbr below

nonfbo_solbr	string	yes; if solnbr is not provided	Non-fbo Solicitation #. Provide an empty string for this argument if using solnbr above.
status	string	no	Valid Options: approved, pending, rejected, “empty value”. If empty, all status will be returned. Note, use “pending” to pull the pending explicit access requests.

AuthorizedPartyListResponse Complex Type Definition

Element Name	Type	Description
success	boolean	Success flag
data	AuthorizedParty[]	Array of Authorized party Records
messages	string[]	Array of any messages, usually used in error case.

AuthorizedParty Complex Type Definition

Element Name	Type	Description
id	string	Internal ID
status	string	Status of record (approved, rejected, pending). Pending indicates an explicit access request.
lname	string	Last Name
fname	string	First Name
email	string	Email
phone	string	Phone
contractor_name	string	Contractor Name
dba_name	string	DBA Name
duns	String	DUNS #
cage_code	String	Cage Code

8.3 Approve Explicit Access Requests (*approveExplicitAccessRequestByID*)

This method is used to approve an Explicit Access request that is either in pending or rejected status. This method requires the internal ID which can be retrieved by first

calling the getAuthorizedPartyList method. Specify an FBO Solicitation Number as the first argument, or leave that blank and specify the second argument for the Non-FBO Solicitation Number.

Input Params:

Input Parameter	Type	Required	Description
data	ExplicitAccessRequest	yes	Complex type defined below

ExplicitAccessRequest Complex Type Definition

Element Name	Type	Required	Description
solnbr	string	yes; if nonfbo_solnbr is not provided	Solicitation #.
nonfbo_solbr	string	yes; if solnbr is not provided	Non-fbo Solicitation #.
Id	string	yes	Matches internal record ID. This is retrieved from getAuthorizedPartyList method above.
vendor	VendorData	no	Complex type not used in this method
reason	string	no	rejection reason not used in this method

Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

8.4 Approve Explicit Access Requests

(approveExplicitAccessRequestByVendorData)

This method is the same as the “approveExplicitAccessRequestByID” method, but it accepts vendor data in a structured format in order to locate the matching vendor account in the system. This method will only work if there is an exact match based on the vendor data provided, and only if a unique vendor can be determined.

Input Params:

Input Parameter	Type	Description
data	ExplicitAccessRequest	Complex type defined below

ExplicitAccessRequest Complex Type Definition

Element Name	Type	Required	Description
solnbr	string	yes; if nonfbo_solnbr is not provided	Solicitation #.

nonfbo_solbr	string	yes; if solnbr is not provided	Non-fbo Solicitation #.
Id	string	no	not used in this method
vendor	VendorData	yes	Complex type defined below
reason	string	no	rejection reason not used in this method

Response:

Output Parameter	Type	Description
Response	PostingResponse	Complex type

VendorData Complex Type Definition

Element Name	Type	Description	Character Limit / Restrictions
lname	string	Last Name	255 characters
fname	string	First Name	255 characters
email	string	Email	255 characters
contractor_name	string	Contractor Name	255 characters
duns	string	DUNS #	9 digits
cage_code	string	Cage Code	5 alpha/numeric characters

8.5 Reject Explicit Access Requests (*rejectExplicitAccessRequestByID*)

This method is used to reject an Explicit Access request or Authorized Party record that is either in pending or approved status. This method requires the internal ID which can be retrieved by first calling the *getAuthorizedPartyList* method. Specify an FBO Solicitation Number as the first argument, or leave that blank and specify the second argument for the Non-FBO Solicitation Number.

Input Params:

Input Parameter	Type	Description
data	ExplicitAccessRequest	Complex type defined below

ExplicitAccessRequest Complex Type Definition

Element Name	Type	Required	Description
solnbr	string	yes; if nonfbo_solnbr is not provided	Solicitation #.
nonfbo_solbr	string	yes; if solnbr is not provided	Non-fbo Solicitation #.
Id	string	yes	Matches internal record ID. This is retrieved from <i>getAuthorizedPartyList</i> method above.

vendor	VendorData	no	Complex type not used in this method
reason	string	yes	Rejection Reason

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

8.6 Reject Explicit Access Requests (rejectExplicitAccessRequestByVendorData)

This method is the same as the “rejectExplicitAccessRequestByID” method, but it accepts vendor data in a structured format to locate the matching vendor account in the system. This method will only work if there is an exact match based on the vendor data provided and only if a unique vendor can be determined.

Input Params:

Input Parameter	Type	Description
data	ExplicitAccessRequest	Complex type defined below

ExplicitAccessRequest Complex Type Definition

Element Name	Type	Required	Description
solnbr	string	yes; if nonfbo_solnbr is not provided	Solicitation #.
nonfbo_solbr	string	yes; if solnbr is not provided	Non-fbo Solicitation #.
Id	string	no	not used in this method
vendor	VendorData	yes	Complex type defined below
reason	string	yes	Rejection Reason

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

VendorData Complex Type Definition

Element Name	Type	Description
lname	string	Last Name
fname	string	First Name
email	string	Email
contractor_name	string	Contractor Name
duns	string	DUNS #

cage_code	string	Cage Code
-----------	--------	-----------

8.7 Add Authorized Party (*addAuthorizedParty*)

This method is used to arbitrarily add vendor users to the Authorized Party list for a given FBO Solicitation or Non-FBO Solicitation. Similar to the previous methods, this method accepts either an FBO Solicitation Number or a Non-FBO Solicitation Number, and a set of vendor data. The method attempts to lookup the vendor in the system based on the data provided, and adds an Authorized Party record if the match is successful.

Input Params:

Input Parameter	Type	Description
data	ExplicitAccessRequest	Complex type defined below

ExplicitAccessRequest Complex Type Definition

Element Name	Type	Required	Description
solnbr	string	yes; if nonfbo_solnbr is not provided	Solicitation #.
nonfbo_solbr	string	yes; if solnbr is not provided	Non-fbo Solicitation #.
Id	string	no	not used in this method
vendor	VendorData	yes	Complex type defined below
reason	string	no	rejection reason not used in this method

Response:

Output Parameter	Type	Description
response	PostingResponse	Complex type

VendorData Complex Type Definition

Element Name	Type	Description
lname	string	Last Name
fname	string	First Name
email	string	Email
contractor_name	string	Contractor Name
duns	string	DUNS #
cage_code	string	Cage Code

9 Examples

Please note that variances may exist between SOAP requests generated by different XML tools and the samples below. The web service should still operate as expected as long as the syntax is CONSISTENT throughout the submission.

9.1 Creating Client

9.1.1 Creating Client with Basic Authentication

PHP:

```
$client = new SoapClient("https://fbo-test.symplicity.com/ws/fbo_api.php?wsdl", array('login'=>'jdoe','password'=>'jdoePass$'));
```

9.1.2 Creating Client Using SOAP Header Authentication

PHP:

```
$client = new SoapClient("https://fbo-test.symplicity.com/ws/fbo_api.php?wsdl");
$header = new SoapHeader("https://fbo-test.symplicity.com",'AuthenticationData',array('username'=>'jdoe','password'=>'jdoePass$'));
$client->__setSoapHeaders(array($header));
```

9.1.3 Calling a Method

PHP Example 1:

```
$data = array('date'=>'20090401',
    'zip'=>'11023',
    'classcod'=>'B',
    'naics'=>'921120',
    'offadd'=>'214 W 88th St. Suite 500, New York, NY 11023',
    'subject'=>'Test Solicitation Subject',
    'solnbr'=>'TEST-XXX-ABC-TEST',
    'resppdate'=>'20100101',
    'archdate'=>'20100401',
    'contact'=>'Mary Jones, mjones@test.com, Phone: 222-333-2222, fax: 444-222-3333',
    'desc'=>'This is a test solicitation description',
    'link'=>array('url'=>'http://www.test.com',
        'desc'=>'View Our Website'),
    'email'=>array('address'=>'mjones@test.com',
        'desc'=>'Click here to email us'),
    'setaside'=>'Partial Small Business',
    'recovery_act'=>false);

try {
    $response = $client->submitPresol($data);
} catch (Exception $e){
    //add error handling here
    Exit;
}
if ($response->success){
    //successful
} else {
```

```
//print out the messages returned if unsuccessful posting  
print_r($response->messages);  
}
```

Request Header:

```
POST /ws/fbo_api.php HTTP/1.1  
Host: fbo-test.symplicity.com  
Connection: Keep-Alive  
User-Agent: PHP-SOAP/5.2.9  
Content-Type: text/xml; charset=utf-8  
SOAPAction: "urn:FBOWebService#FBOWebServiceServer#submitPresol"  
Content-Length: 1797
```

Request XML:

```
<?xml version="1.0" encoding="UTF-8"?>  
<SOAPENV:Envelope xmlns:SOAPENV="http://schemas.xmlsoap.org/soap/envelope/"  
    xmlns:fbo="http://fbo-test.symplicity.com/" xmlns:xsd="http://www.w3.org/2001/XMLSchema"  
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
    xmlns:SOAPENC="http://schemas.xmlsoap.org/soap/encoding/"><SOAPENV:Header>  
    <fbo:AuthenticationData xsi:type="fbo:AuthenticationData"><username  
        xsi:type="xsd:string">jdoe</username><password  
        xsi:type="xsd:string">Wilson1560$</password></fbo:AuthenticationData></SOAPENV:Header>  
    <SOAPENV:Body><fbo:submitPresol><data xsi:type="fbo:Presol"><date  
        xsi:type="xsd:date">20090401</date><zip xsi:type="xsd:string">11023</zip><classcod  
        xsi:type="xsd:string">B</classcod><naics xsi:type="xsd:string">921120</naics><offadd  
        xsi:type="xsd:string">214 W 88th St. Suite 500, New York, NY 11023</offadd><subject  
        xsi:type="xsd:string">Test Solicitation Subject</subject><solnbr xsi:type="xsd:string">TEST-  
        XXX-ABC-TEST</solnbr><respdate xsi:type="xsd:date">20100101</respdate><archdate  
        xsi:type="xsd:date">20100401</archdate><contact xsi:type="xsd:string">Mary Jones,  
        mjones@test.com, Phone: 222-333-2222, fax: 444-222-3333</contact><desc  
        xsi:type="xsd:string">This is a test solicitation description</desc><link  
        xsi:type="fbo:GovURL"><url xsi:type="xsd:string">http://www.test.com</url><desc  
        xsi:type="xsd:string">View Our Website</desc></link><email  
        xsi:type="fbo:GovEmail"><address xsi:type="xsd:string">mjones@test.com</address><desc  
        xsi:type="xsd:string">Click here to email us</desc></email><setaside  
        xsi:type="xsd:string">Partial Small Business</setaside><recovery_act  
        xsi:type="xsd:boolean">false</recovery_act></data></fbo:submitPresol></SOAPENV:Body></SOAPENV:Envelope>
```

Response XML:

```
<?xml version="1.0" encoding="UTF-8"?>  
<SOAPENV:Envelope xmlns:SOAPENV="http://schemas.xmlsoap.org/soap/envelope/"  
    xmlns:fbo="http://fbo-test.symplicity.com/" xmlns:xsd="http://www.w3.org/2001/XMLSchema"  
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
    xmlns:SOAPENC="http://schemas.xmlsoap.org/soap/encoding/"><SOAPENV:Body><f
```

```
bo:submitPresolResponse><return xsi:type="fbo:PostingResponse"><success
xsi:type="xsd:boolean">true</success><messages xsi:nil="true"
xsi:type="fbo:ArrayOfstring"/></return></fbo:submitPresolResponse></SOAPENV:Body></SO
APENV:Envelope>
```

PHP Example 2:

```
$data = array('date'=>'20090824',
    'solnbr'=>'TEST-XXX-ABC-TEST',
    'respdate'=>'20100101',
    'uploadtype'=>'a',
    'links'=>array(array('url'=>'http://www.test.com/myfile.pdf','desc'=>'My PDF Test
File')),
    'files'=>array());
```

```
try {
    $response = $client->submitDocumentsAndLinksToNotice($data);
} catch (Exception $e){
    //add error handling here
    Exit;
}
if ($response->success){
    //successful
} else {
    //print out the messages returned if unsuccessful posting
    print_r($response->messages);
}
```

Request Header:

```
POST /ws/fbo_api.php HTTP/1.1
Host: fbo-test.symplicity.com
Connection: Keep-Alive
User-Agent: PHP-SOAP/5.2.10
Content-Type: text/xml; charset=utf-8
SOAPAction:
"urn:FBOWebService#FBOWebServiceServer#submitDocumentsAndLinksToNotice"
Content-Length: 1295
```

Request XML:

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:fbo="http://fbo-test.symplicity.com/" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
<soapenv:Header>
<fbo:AuthenticationData xsi:type="fbo:AuthenticationData">
<username xsi:type="xsd:string">jdoe</username>
```

```
<password xsi:type="xsd:string">WilsonXXXX</password>
</fbo:AuthenticationData>
</soapenv:Header>
<soapenv:Body>
<fbo:submitDocumentsAndLinksToNotice>
<data xsi:type="fbo:DocumentUpload">
<date xsi:type="xsd:date">20090824</date>
<solnbr xsi:type="xsd:string">TEST-XXX-ABC-TEST</solnbr>
<uploadtype xsi:type="xsd:string">a</uploadtype>
<respdate xsi:type="xsd:date">20100101</respdate>
<links SOAPENC:arrayType="fbo:DocumentLink[1]" xsi:type="fbo:ArrayOfDocumentLink">
<item xsi:type="fbo:DocumentLink">
<url xsi:type="xsd:string">http://www.test.com/myfile.pdf</url>
<desc xsi:type="xsd:string">My PDF Test File</desc>
</item>
</links>
<files SOAPENC:arrayType="fbo:DocumentFile[0]" xsi:type="fbo:ArrayOfDocumentFile"/>
</data>
</fbo:submitDocumentsAndLinksToNotice>
</soapenv:Body>
</soapenv:Envelope>
```

Response XML:

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
<ns1:fbo xmlns:fbo="http://fbo-test.symplicity.com/" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
<ns1:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
<soapenv:Body>
<fbo:submitDocumentsAndLinksToNoticeResponse>
<return xsi:type="fbo:PostingResponse">
<success xsi:type="xsd:boolean">true</success>
<messages xsi:nil="true" xsi:type="fbo:ArrayOfstring"/>
</return>
</fbo:submitDocumentsAndLinksToNoticeResponse>
</soapenv:Body>
</soapenv:Envelope>
```

10 Error Messages

10.1 General Error Messages

The following error messages may be returned as part of the response to various web service calls; these errors are not specific to one method and may apply to more than one.

- Incoming data is in unrecognizable format.
- Insufficient user rights to perform this action. **NOTE:** The user account MUST have the appropriate role(s) associated to perform the desired function(s). For example, a user account with only the Engineer role will not be able to create and post a notice. If you receive this error message, verify that the account used has the necessary role(s).
- Authentication credentials were not found; username/password not found, blank or unrecognized.
- Multiple Accounts found for the same username/password. Unable to determine which one to use. Note: Per validation rules, an account can only be associated with a single Office Location to utilize web services.
- No username/password match.
- Office Location cannot be determined; user found not setup correctly, the office location cannot be determined.
- DATE field in unexpected format. Expects YYYYMMDD; all dates expected in this format unless otherwise noted.

10.2 Specific Error Messages

This section details possible error messages for specific methods.

submitNotice

- notice_type is not recognized. (Expects one of the following: PRESOL, COMBINE, MOD, AWARD, JA, SRCSGT, SSALE, SNOTE, FSTD)

Notice Methods (submitPresol, submitCombined, etc.)

- Solicitation Number can only contain the following characters: Alphanumeric - _ { } and no spaces; incoming solicitation number element contains invalid character(s).
- Solicitation Number found in Different Office Location; duplicates are not allowed.
- Duplicate Solicitation Number; Base Notice Found.
- CLASSCOD no match found; value provided did not match expected codes.
- NAICS no match found; value provided did not match expected codes.
- SETASIDE no match found on valid codes; value provided did not match expected values.
- Required Fields Missing: [fields]
- Solicitation Number Found in Archives - Duplicate not allowed

submitMod

- Modification – Base Notice Not Found

submitJA

- STAUTH no match found; value provided did not match expected values
- SOLNBR is required; for J&A submissions where statutory authority is FAR 6.302-1(c) - Brand name, solnbr is required.
- Contract Award Number is required; for J&A submissions where statutory authority is not FAR 6.302-1(c) - Brand name, contact award number is required.
- Contract Award Date is required; for J&A submissions where statutory authority is not FAR 6.302-1(c) - Brand name, contract award date is required.

submitAward

- Contract Award Number – Duplicate Award Number Found
- Contract Award Number – Duplicate Award Number Found in Archives

submitDocumentsAndLinksToNotice

- Either LINKS or FILES must be provided. None found; set of external links or local files must be provided.
- Base Notice Not Found
- Links and/or Files are not complete; no data found, couldn't write out package.

deleteNoticeOrDocumentPackage

- SOLNBR and AWDNBR cannot be specified together.
- SOLNBR or AWDNBR is required.
- AWDNBR - Not Found; if awdnbr provided and award notice is not found.
- AWDNBR cannot be deleted – Solicitation [sol number] is active.
- SOLNBR - Not Found; if solnbr provided and notice not found.
- UPLOADTYPE Document Package name not found; if uploadtype is provided but string does not match any document package by name.

archiveNotice

- SOLNBR – No Base Notice Found.

unarchiveNoticeElectronic

- SOLNBR and AWDNBR cannot be specified together.
- SOLNBR or AWDNBR is required.
- AWDNBR - Not Found; if awdnbr provided and award notice is not found.
- SOLNBR - Not Found; if solnbr provided and notice not found.

cancelNotice

- SOLNBR and AWDNBR cannot be specified together.
- AWDNBR - Not Found; if awdnbr provided and award notice is not found.
- AWDNBR cannot be cancelled – Solicitation [sol number] is active.

- SOLNBR or AWDNBR was not provided. One is required.
- Base Notice Not Found.

getIVLList

- Solicitation # is required; solnbr element is required.
- Base Notice not found.
- Notice found, but in a different office location.

getAuthorizedPartyList

- Please provide solnbr or nonfbo_solnbr, do not specify both, depending on whether this is an fbo solicitation or non-fbo.
- Please provide solnbr or nonfbo_solnbr, depending on whether this is an fbo solicitation or non-fbo.
- Base Notice not found.
- Notice found, but in a different office location.
- Status value not recognized. Can be an empty string or in the set of pending, approved, and rejected.

approveExplicitAccessRequestByID

- Please provide solnbr or nonfbo_solnbr, depending on whether this is an fbo solicitation or non-fbo.
- id - Internal ID is required. Use getAuthorizedPartyList to retrieve this information.
- Base Notice not found.
- Base Notice found, but in a different office location.
- Explicit Access Request not found.
- Explicit Access Request already approved.

approveExplicitAccessRequestByVendorData

- This method requires all fields from complex type VendorData to find a match in the system; if vendor data not fully provided this error will be thrown.
- Please provide solnbr or nonfbo_solnbr, depending on whether this is an fbo solicitation or non-fbo.
- No contact match on vendor data provided.
- More than one contact found from data provided.
- Explicit Access Request not found.
- Explicit Access Request already approved.

addAuthorizedParty

- This method requires all fields from complex type VendorData to find a match in the system; if vendor data not fully provided this error will be thrown.
- Please provide solnbr or nonfbo_solnbr, depending on whether this is an fbo solicitation or non-fbo.
- No contact match on vendor data provided.

- More than one contact found from data provided.

rejectExplicitAccessRequestByID

- Please provide solnbr or nonfbo_solnbr, depending on whether this is an fbo solicitation or non-fbo.
- id - Internal ID is required. Use getAuthorizedPartyList to retrieve this information.
- Base Notice not found.
- Base Notice found, but in a different office location.
- Explicit Access Request not found.
- Explicit Access Request already rejected.
- A reason must be provided with an explicit access rejection.

rejectExplicitAccessRequestByVendorData

- This method requires all fields from complex type VendorData to find a match in the system.
- Please provide solnbr or nonfbo_solnbr, depending on whether this is an fbo solicitation or non-fbo.
- No contact match on vendor data provided.
- More than one contact found from data provided.
- Explicit Access Request not found.
- Explicit Access Request already rejected.
- A reason must be provided with an explicit access rejection.

setBidModuleOptions

- Solicitation # is required.
- Base Notice not found.
- Document Package option is not permitted for this office location.
- CLIN Template option is not permitted for this office location.
- No changes were detected from the current settings on this solicitation.
- Response date provided was in the past.
- Clin Template cannot be enabled without providing the clin_template complex data type.

getBidModuleResponses

- Solicitation # is required.
- Base Notice not found.
- Notice found, but in a different office location.

createSecureDocumentPackage

- PR # is required.
- PR # ([pr number]) must be 5 characters or more.
- PR # ([pr number]) must be unique. Technical data with the same PR # already found.
- Package is set as released but no file data found.

addFilesToSecureDocumentPackage

- PR # is required.
- The format of the files array is not recognized.
- Secure Package not found.
- Secure Package found, but office location does not match.
- Secure Package found, but already attached to a solicitation.
- Secure Package found, but created by a different user.
- File data was not found; incoming file data is not recognized.

deleteFilesFromSecureDocumentPackage

- PR # is required.
- Files element expects an array of file names.
- Secure Package not found.
- Secure Package found, but office location does not match.
- Secure Package found, but already attached to a solicitation.
- Secure Package found, but created by a different user.
- Deletion Failed: [filename] exists more than once in package.
- Deletion Failed: [filename] was not found in package.

deleteSecureDocumentPackage

- Secure Package not found.
- Secure Package found, but office location does not match.
- Secure Package found, but already attached to a solicitation.
- Secure Package found, but created by a different user.

releaseSecureDocumentPackage

- PR # is required.
- Secure Package not found.
- Secure Package found, but office location does not match.
- Secure Package found, but already attached to a solicitation.
- Secure Package found, but created by a different user.
- Secure Package found, but no files have been uploaded.

attachSecureDocumentPackagesToNotice

- Solicitation # is required.
- An array of PR #'s is required; if one or more pr numbers is not provided this error will be thrown.
- Document packages were not found, not yet released, or tied to another solicitation.
- The following pr numbers were either, not found, already tied to a solicitation, or not yet released: [pr_numbers].

createNonFBOSolicitation

- Solicitation # is required.

- Solicitation Number can only contain the following characters: Alphanumeric - _ { } and no spaces.
- The solicitation number already exists.
- Primary point of contact is not in recognized format.
- Primary point of contact email and fullname are required.
- Archive Date is required (YYYYMMDD).
- Archive date must be in the future.
- Document packages were not found, not yet released, or tied to another solicitation.
- The following pr numbers were either, not found, already tied to a solicitation or not yet released: [pr_numbers].
- Solicitation is marked for release, but no document packages were found.

attachSecureDocumentPackagesToNonFBOSolicitation

- Solicitation # is required.
- PR #/s are required.
- Solicitation not found.
- Solicitation found, but in another office location.
- Solicitation found, but already released.
- Document packages were not found, not yet released, or tied to another solicitation.
- The following pr numbers were either, not found, already tied to a solicitation or not yet released: [pr_numbers].

removeSecureDocumentPackagesFromNonFBOSolicitation

- Solicitation # is required.
- PR #/s are required.
- Solicitation not found.
- Solicitation found, but in another office location.
- Solicitation found, but already released.
- Document packages were not found.
- The following pr numbers were not found: [pr_numbers].

releaseNonFBOSolicitation

- Solicitation # is required.
- Solicitation not found.
- Solicitation found, but in another office location.
- Solicitation found, but already released.
- Solicitation found, but no document packages are attached.

unreleaseNonFBOSolicitation

- Solicitation # is required.
- Solicitation not found.
- Solicitation found, but in another office location.
- Solicitation found, but is not yet released.